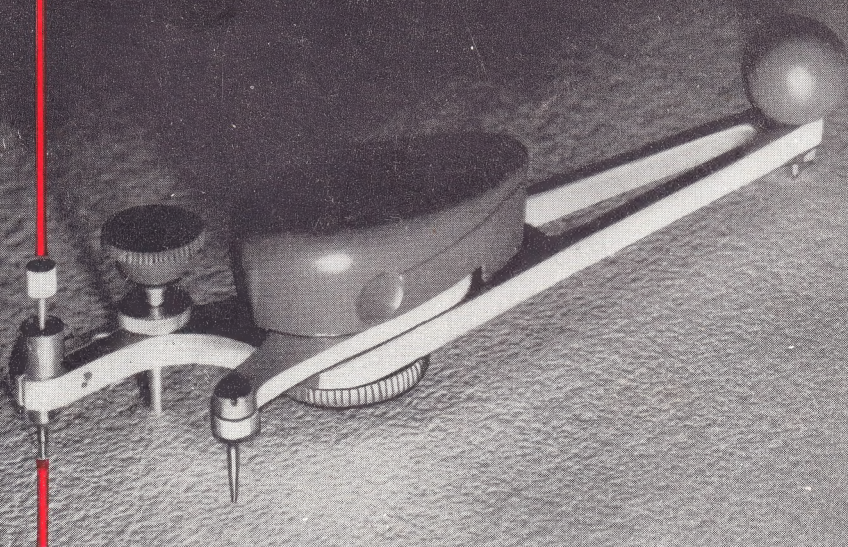


LEROY[®]

Lettering and Symbols



KEUFFEL & ESSER CO.

LEROY

**is the trade mark of
KEUFFEL & ESSER CO.,
the makers of LEROY
Lettering and Symbol
Drawing Equipment,
and is registered in
the U. S. Patent Office.**

LEROY Lettering

a "must" today

LEROY Lettering Sets are a "must" in thousands of drafting rooms all over the world today.

The one way to be sure of perfect, uniform, legible lettering on originals and reproductions alike is to LEROY letter your work.

LEROY Lettering is simple. There are no tricks or special techniques to learn. Let us show you in the following pages what it can do for you.



KEUFFEL & ESSER CO.

Drafting, Reproduction, Surveying

Equipment and Materials

Slide Rules

Measuring Tapes

NEW YORK • HOBOKEN, N. J.

Chicago • Detroit • St. Louis

San Francisco • Los Angeles • Montreal

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LEROY...for these compelling reasons...

Precision LEROY Lettering and Symbol Drawing equipment is a precision engineered job in every detail.

Workmanship LEROY products are the result of superb K&E craftsmanship and quality of materials.

Simplicity Designed by K&E for utmost simplicity of operation, LEROY Lettering needs no special skill or technique to produce perfect neatness and uniformity in the work.

Economy Your initial LEROY outlay is completely elastic. It can be "tailored" to fit your exact requirements. No "extras" have to be bought. And your LEROY equipment will give you years of steady service.

LEROY Lettering is as simple as this . . .

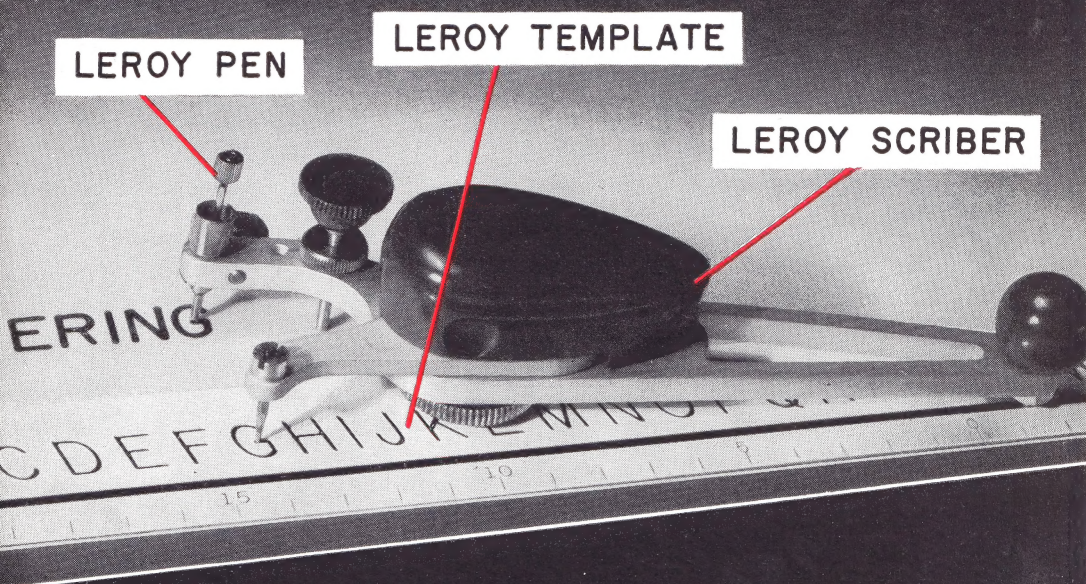
You need only three basic items. This is how you use them:

1. LEROY Template Choose the template with the size and style of lettering you want. Lay it along your straightedge. (There are many styles and sizes of alphabets, as well as graphical symbols. Besides, templates can be made specially for you to your own design.)

2. LEROY Pen Choose the pen with the width that best suits the job you are doing. (For recommended widths see pages 12-15.) Set the pen in the socket in one arm of the scriber and fill it with drawing ink.

3. LEROY Scriber Set the tail pin of the scriber in the straight guide groove of the template. With the tracer pin of the scriber you simply trace the engraved letters on the template. The pen automatically does the work in full view, clear of the template. To change letters, just slide the template right or left, or turn it over.

Only three basic parts . . .



- Capitals, lower case letters and numbers, all three complete on one single template.
- Each letter and number is completely formed. No combinations are needed.
- With the LEROY Adjustable Scriber you can draw vertical or slanting letters from the same template. The adjustment takes a couple of seconds.

LEROY TEMPLATES

K&E Quality — LEROY Templates are made of well-seasoned material, thick and heavy enough to resist warping and distortion, which might throw your lettering work out of alignment. They hold their shape and are good for years of constant, hard use.

Laminated — They consist of three layers of laminated material — another safeguard against warping. The outside layers are white and the middle layer black, permanently bonded together.

Each character complete — Each letter and number is engraved complete and can be drawn complete without shifting the template. Characters are engraved right through the outer white layer to the black middle layer. They stand out in sharp permanent black-on-white contrast.

Caps, lower case and numbers combined — LEROY Templates combine capitals, lower case and numbers, all complete on one template. You do not have to buy these separately. Or if you do not need all three, you can buy LEROY templates with capitals and numbers only.

Uniform base lines — You can change LEROY templates, from one size of letter to another, or turn the template over for the characters on the back, and continue the same line of lettering without having to move your straightedge. This is because the distance from the bottom of the letters to the lower edge of the template is uniform throughout all standard and nearly all other LEROY lettering templates.

No “extras” needed — Each LEROY template has a groove on either side in which the “anchoring” tail pin of the scribe rides. No extra straightedge is needed for this.

Easy lettering spacing — With the scale with a central zero on the lower edge of the template, you can quickly center or space any line of lettering.

Great variety — LEROY Templates are available in a great variety of styles and sizes of lettering, as well as in a range of graphical symbols, which are an invaluable aid in neat, consistent symbol drawing.

Special templates to your own design — More and more drafting rooms are finding very considerable savings in using LEROY Templates made to their own specifications, with trade marks, title blocks, signatures and special designs.

Three layers of laminated material, permanently bonded. Thick enough to resist warping and possibility of distorting lettering alignment.

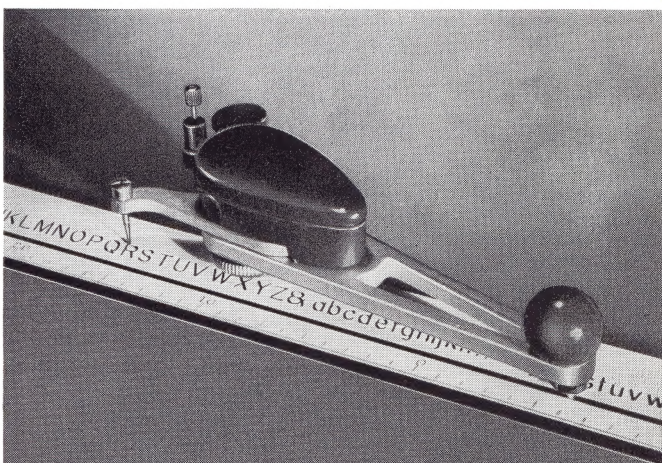
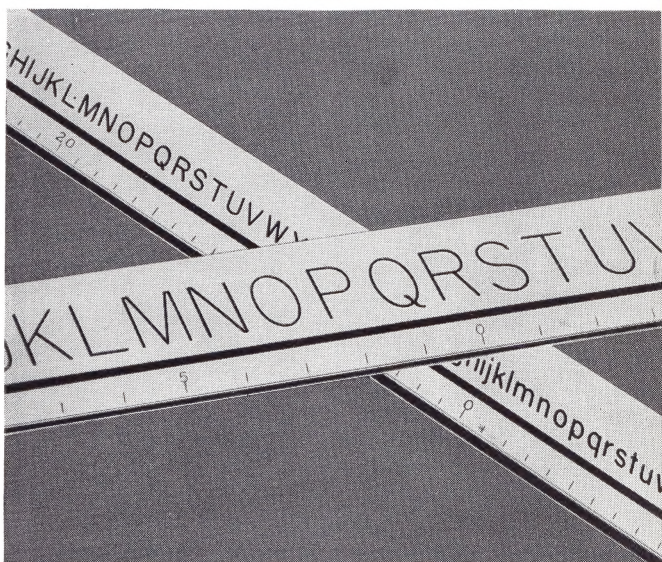
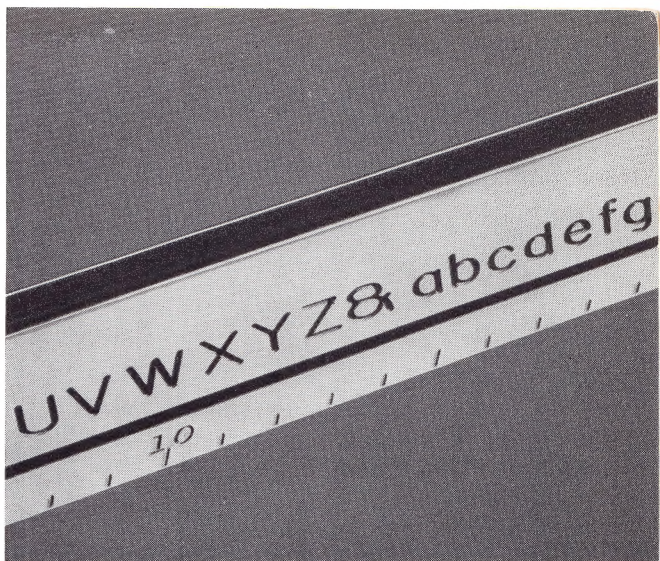
Complete letters and numbers. No partially formed letters or numbers. No shifting of the template to complete them.

Caps, lower case and numbers — All three together and complete on one template — or caps and numbers only, if you prefer.

Uniform base lines. The distance between the bottom of the letter to the lower edge of the template is uniform regardless of the size of letter.

Tail pin groove. Each template has its own groove on both sides to "anchor" the scriber tail pin. No extra parts are needed for this.

Letter spacing easy. The scale on the lower edge of the template helps you quickly center or space your lettering.



LEROY SCRIBERS

Design — The LEROY Scriber is a precise instrument, handsome and streamlined in design, easy to handle. Its machined aluminum frame is light in weight.

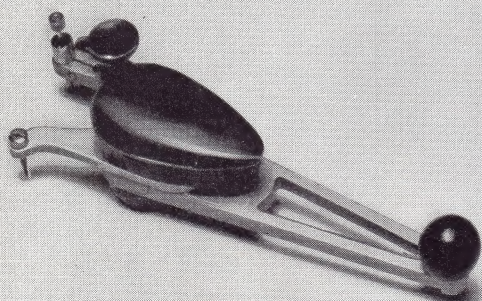
Consistent accuracy — The unvarying relationship of its three main elements, the tracer pin, the pen, and the tail pin, assures the unvarying consistency of the lettering on the drawing.

Balance — The LEROY Scriber is perfectly balanced. It is easy to operate. The tracer pin glides smoothly through the engraved characters on the template, and requires no pressure. A counter-balance weight holds the tail pin in the horizontal groove of the template as the tracer pin is moved from letter to letter.

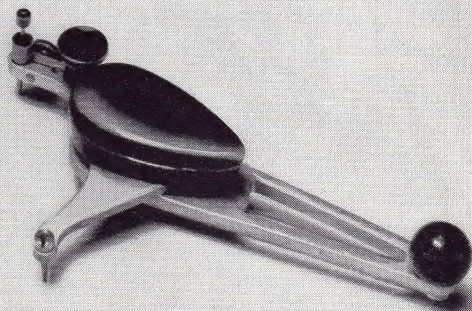
Inserting the pen — The LEROY Pen is easily inserted and can be changed in a few seconds without removing any part of the scriber.

Two types — LEROY Scribers are made in two types — adjustable and fixed. The adjustable type produces characters either vertical or slanting at any degree up to $22\frac{1}{2}$ degrees from the same template. A simple adjustment of the tracer arm requires only the loosening and re-tightening of a thumb nut. This is easily done without having to turn the scriber over or remove the pen. Nothing has to be taken apart.

10

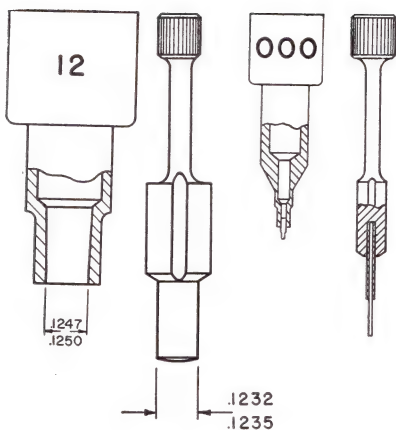


Closed position
for vertical lettering



Open position
for slanting lettering

LEROY PENS



Precision — The delicate exactness of performance required from LEROY Pens is such that they have to be made to the closest tolerances, with the extreme precision of years of K&E experience and skill.

Even flow of ink — The design and construction of LEROY Pens insures a perfectly regulated ink-flow, without blotting or clogging. From the widest ($\frac{1}{4}$ inch line) down to the narrowest, which is only one hundredth of an inch, ink flows smoothly and freely in all LEROY Pens.

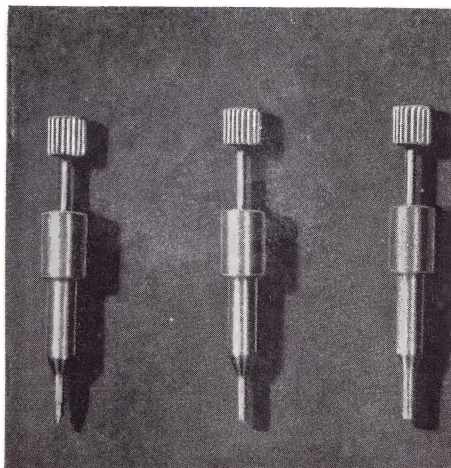
Consistency — Lines drawn in any direction with LEROY Pens are always unvarying. The pens are perfectly uniform in their internal and external diameters and in their concentricity.

Long wearing points — The narrowest line pens (000 to 1) have stainless steel tips, and the very fine stainless steel wire of the “cleaner” is reinforced for about half its length by stainless steel tubing inserted into the body of the “cleaner.”

Corrosion resisting — LEROY Pens are resistant to corrosion.

Quickly changed — LEROY Pens can be removed from the scriber as a complete unit in a few seconds. They do not have to be taken apart. When interchanged during work, they can be laid aside for several hours and replaced in the scriber without need of cleaning.

K&E Trade Mark — Each LEROY Pen has its size number stamped on it and is identified by the K&E Trade Mark.



LEROY LETTERING

SHOWING VARIOUS TEMPLATE & PEN
COMBINATIONS
ACTUAL SIZE

TEMPLATE NO.	00	0	1	2	PEN NO. 3	4	5	6	7	8
80	A*	B	C							
100	A*	B	C	D						
120	A	B*	C	D	E					
140	A	B	C*	D	E	F				
175	A	B	C	D*	E	F				
200	A	B	C	D	E*	F	G	H		
240	A	B	C	D	E*	F	G	H		
290	A	B	C	D	E	F*	G	H	K	
350	A	B	C	D	E	F*	G	H	K	L
425	A	B	C	D	E	F	G*	H	K	L
500	A	B	C	D	E	F	G	H*	K	L

The above chart shows the wide range of LEROY lettering effects that can be produced by combining various LEROY templates and pens.

*Indicates the combination of template and pen recommended for a good proportion between the thickness of stroke and the size of letter.

LEROY LETTERING

ACTUAL SIZE

Series C Templates form capital letters and numbers. Series CL Templates form capitals, lower case and numbers. Fixed Scriber 3237-1 forms vertical characters only. Adjustable Scriber 3237-2 forms vertical or slanting characters.

Template 60C Pen 000

A FASTER, BETTER WAY TO LETTER ENGINEERING DRAWINGS. 0123456789 LEROY LETTERING
, A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a , " 0 1 2 3 4 5 6 7 8 9 KEUFFEL & ESSER CO. HOBOKEN

Templates 80C & 80 CL Pen 00

A FASTER, BETTER WAY TO LETTERING engineering 0123456789.
, A B C D E F G H I J K L M N O P a r s t u v w x y z (%) , " 0 1 2 3 4 5 6 7 8 9.

Templates 100C & 100CL Pen 00

A FASTER, BETTER WAY TO LETTER (%) , " 0123456789
ENGINEERING DRAWINGS, IS LEROY (%) , " 0123456789
a b c d e f g h i j k l m n o p q r s t u v w x y z a b c d e f g h i j k l m n o p q r s t u v w x y z

Templates 120C & 120CL Pen 0

A FASTER, BETTER WAY TO LETTER 0123456789
ENGINEERING DRAWINGS IS LEROY " 0123456789
a faster, better way to letter *engineering drawings is*

Templates 140C & 140CL Pen 1

A FASTER, BETTER WAY TO (%) , " 0123456789
LETTER ENGINEERING DR (%) , " 0123456789
drawings is Leroy *a faster, better way to*

Templates 175C & 175CL Pen 2

A FASTER, BETTER (%) , " 0123456789
WAY TO LETTER ENGINEERING 2345
drawings is Leroy *a faster, better way*

Templates 200C & 200CL Pen 3

A FASTER, BETTER 123456789
WAY TO LETTER ENGIN (%) , 012
drawings is Leroy *a faster, better*

LEROY LETTERING

ACTUAL SIZE

Templates 240C & 240CL Pen 3

A FASTER, BETTER 3456789
WAY TO LETTER (%) ; " 0123
engineering *drawings is*

Templates 290C & 290CL Pen 4

A FASTER 12 *BETTER* 3
way to letter *engineeri*

Templates 350C & 350CL Pen 4

A FAST 4 *BET* 56
a faster, *better way*

Templates 425C & 425CL Pen 5

A FAS 78 *BET* 9
way to letter *engi*

Templates 500C & 500CL Pen 6

A FAS 12 *BET*
way to *letter* 34

LEROY LETTERING

ACTUAL SIZE

Templates in this group will form vertical capital letters only. For lettering with thicknesses of stroke as illustrated below, using Pens 9 to 14, Fixed Scriber 3237-3 is required. For lighter strokes (Pens 000 to 8), use either Fixed Scriber 3237-3 with Adapter or Adjustable Scriber 3237-2 in the open position.

Template 700C Pen 9

DESIGN

Template 1000C Pen 10

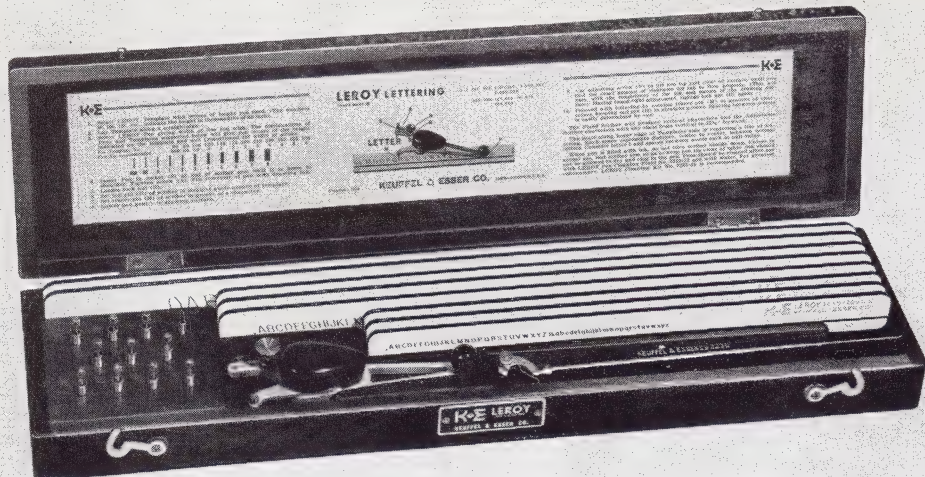
CODE

Template 1350C Pen 12

REGIS

Template 2000C Pen 14

PAT.



COMPLETE LEROY SETS

WITH CAPITAL LETTERS AND NUMBERS

3245-6. LEROY Lettering Set, consisting of 6 LEROY Templates Nos. 3240-100C, -120C, -140C, -175C, -200C, -240C; 6 LEROY Pens Nos. 3233-00, -0, -1, -2, -3, -4; Adjustable Scriber No. 3237-2; Scriber Stand No. 3238-10; Lead Clutch No. 3238-2; Tube of Leads No. 3238-4; Socket Holder No. 3234-1; Penholder No. 3235; in polished mahogany case.

3245-10. LEROY Lettering Set, consisting of 5 LEROY Templates Nos. 3240-140C, -175C, -240C, -350C, -500C; 5 LEROY Pens Nos. 3233-1, -2, -3, -4, -6; Adjustable Scriber No. 3237-2; Scriber Stand No. 3238-10; Lead Clutch No. 3238-2; Tube of Leads No. 3238-4; Socket Holder No. 3234-1; Penholder No. 3235; in polished mahogany case.

3245-12. LEROY Lettering Set, consisting of 8 LEROY Templates Nos. 3240-100C, -120C, -140C, -175C, -200C, -240C, -350C, -500C; 10 LEROY Pens Nos. 3233-00, -0, -1 to -8; Adjustable Scriber No. 3237-2; Scriber Stand No. 3238-10; Lead Clutch No. 3238-2; Tube of Leads No. 3238-4; Socket Holder No. 3234-1; Penholder No. 3235; in polished mahogany case.

3245-15. LEROY Lettering Set, consisting of 11 LEROY Templates Nos. 3240-80C, -100C, -120C, -140C, -175C, -200C, -240C, -290C, -350C, -425C, -500C; 10 LEROY Pens Nos. 3233-00, -0, -1 to -8; Adjustable Scriber No. 3237-2; Scriber Stand No. 3238-10; Lead Clutch No. 3238-2; Tube of Leads No. 3238-4; Socket Holder No. 3234-1; Penholder No. 3235; Tracer Pin No. 3238-3; in polished mahogany case.

COMPLETE LEROY SETS

WITH CAPITAL AND LOWER CASE LETTERS, AND NUMBERS

- 3245-6L. LEROY Lettering Set**, same size and contents as No. 3245-6, except that the templates have both capital and lower case letters and numbers.
- 3245-10L. LEROY Lettering Set**, same size and contents as No. 3245-10, except that the templates have both capital and lower case letters and numbers.
- 3245-12L. LEROY Lettering Set**, same size and contents as No. 3245-12, except that the templates have both capital and lower case letters and numbers.
- 3245-15L. LEROY Lettering Set**, same size and contents as No. 3245-15, except that the templates have both capital and lower case letters and numbers.

LEROY BASIC SET

- 3245-3L. LEROY Basic Lettering Set**, same size and capacity as No. 3245-15, but partly fitted only with basic contents, leaving empty template and pen spaces, for building up special assortments to suit individual requirements. Contents are 3 LEROY Templates Nos. 3240-100CL, -140CL, -240CL; 3 LEROY Pens Nos. 3233-00, -1, -3; Adjustable Scriber No. 3237-2; Scriber Stand No. 3238-10; Lead Clutch No. 3238-2; Tube of Leads No. 3238-4; Socket Holder No. 3234-1; Penholder No. 3235; in polished mahogany case.

UNFITTED HARDWOOD CASES

- 3246-4. Unfitted Hardwood Case**, $15 \times 17\frac{1}{8} \times 1\frac{1}{2}$ in. over all, to accommodate any 8 assorted $9\frac{1}{2}$ in. LEROY Templates, 4 LEROY Pens, and Scriber.
- 3246-10. Unfitted Hardwood Case**, $16 \times 3\frac{3}{4} \times 1\frac{1}{2}$ in. over all, to accommodate any 8 assorted 12 in. and 15 in. Templates; any 8 assorted $9\frac{1}{2}$ in. Templates; 10 LEROY Pens, and Scriber.
- 3246-20. Unfitted Hardwood Case**, $27\frac{1}{4} \times 4 \times 1\frac{1}{2}$ in. over all, to accommodate any 8 assorted 18 in. and 24 in. Templates; any 8 assorted $9\frac{1}{2}$, 12 and 15 in. Templates; 10 LEROY Pens, size No. 3233-8 and smaller; 6 LEROY Pens, size No. 3233-9 and larger; LEROY Scriber No. 3237-1 or No. 3237-2; and LEROY Scriber No. 3237-3.

Cases Nos. 3246-4, -10, and -20, do not have a separate space for each template, as in the cases of the complete LEROY Sets.

LEROY STANDARD LETTERING TEMPLATES

These templates form both vertical and slanting letters when used with Adjustable Scriber 3237-2, and vertical letters only when used with Fixed Scriber 3237-1.

SERIES C, CAPITAL LETTERS AND NUMBERS

SERIES CL, CAPITAL AND LOWER CASE LETTERS AND NUMBERS

Template	Length Over All	Height of Capitals Formed	Template
*3240-60C	9½ in.	0.06 in.	
*3240-80C	" "	0.08 "	*3240-80CL
3240-100C	" "	0.10 "	3240-100CL
3240-120C	" "	0.12 "	3240-120CL
3240-140C	" "	0.14 "	3240-140CL
3240-175C	12 in.	0.175 "	3240-175CL
3240-200C	" "	0.20 "	3240-200CL
3240-240C	" "	0.24 "	3240-240CL
3240-290C	" "	0.29 "	3240-290CL
3240-350C	15 in.	0.35 "	3240-350CL
3240-425C	" "	0.425 "	3240-425CL
3240-500C	" "	0.50 "	3240-500CL

* Use only with Tracer Pin 3238-3 in Scriber in place of regular pin.

LARGE TEMPLATES, SERIES C

These templates will form vertical letters only. For use with Pens 9 to 14, Fixed Scriber 3237-3 is required. With Pens 00 to 8, use either Fixed Scriber 3237-3 with Adapter or Adjustable Scriber 3237-2 in the open position.

3240-700C	Template, 15 in. long, forms letters	0.70 in. high.
3240-1000C	" 18 " " " " "	1.00 in. "
3240-1350C	" 24 " " " " "	1.35 in. "
3240-2000C	" " " " " " "	2.00 in. "

WORDS & PHRASES TO ORDER

3240X. Template, in 9½, 12 or 15 in. lengths, to order, with frequently used phrases for drawings or title blocks, or with other wording. In standard LEROY capitals or capitals and lower case letters and numerals. Characters can be made up in any size from 80 to 500.

LEROY MISCELLANEOUS LETTERING TEMPLATES

REVERSED GOTHIC

8976243510=8ZYXWVUTSRQPONMLKJIHGFEDCBA

Reversed Gothic Templates — Form capital letters and numbers in Reversed Gothic type, in same sizes as Standard LEROY Lettering. Recommended for lettering on the back of tracings, on photographic negatives or wherever reversed writing is required. (Use same pen sizes as for Standard Templates.) Available in sizes as follows:

3241B-80C, -100C, -120C or -140C (9½ in. length)

3241B-175C, -200C, -240C or -290C (12 in. length)

3241B-350C, -425C or -500C (15 in. length)

CONDENSED GOTHIC

A B C D E F G H I J K L 4 5 6 7 8 9

Condensed Gothic Templates — Form capital letters and numbers in Condensed Gothic type. Average width of lettering is about 3/5 that of Standard LEROY Lettering. (Use Pens two sizes smaller than for Standard Templates.) Available in sizes as follows:

3241C-80C*, -100C*, -120C* or -140C (9½ in. length)

3241C-175C, -200C, 240C, or -290C (12 in. length)

3241C-350C, -425C or -500C (15 in. length)

EXTENDED GOTHIC

A B C D E F G H I J K 2 3 4

Extended Gothic Templates — Form capital letters and numbers in Extended Gothic type. Average width of lettering is about 1-1/2 times that of Standard LEROY Lettering. (Use Pens one size larger than for Standard Templates.) Available in sizes as follows:

3241H-80C, -100C, -120C or -140C (9½ in. length)

3241H-175C, -200C, -240C or -290C (12 in. length)

3241H-350C, -425C, or -500C (15 in. length)

OUTLINE GOTHIC

A B C D E F G 0 1 2 3 4 5

Outline Gothic Templates — Form capital letters and numbers in Outline Gothic type. (Pen 00 or 0 is recommended.) Available in sizes as follows:

3241D-175C*, -200C*, -240C or -290C (12 in. length)

3241D-350C, -425C or -500C (15 in. length)

3241D-650C† (18 in. length)

* Use only with Tracer Pin 3238-3 in Scriber in place of regular pin.

† For titles on State and County maps, as approved by the U.S. Dept. of Commerce, Bureau of Public Roads.

LEROY MISCELLANEOUS LETTERING TEMPLATES

GREEK

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠ ϵζ ηθικλμνξοπρσςτυφχψω

Greek Templates — Form capital and lower case Greek letters. Available in sizes as follows:

3241G-100CL*, **-120CL***, **-140CL** or **-175CL** (9½ in. length)

3241G-200CL, **-240CL** or **-290CL** (12 in. length)

3241G-350CL, **425CL** or **500CL** (15 in. length)

CHELTENHAM

A B C D E F G H I &'(),.'0 1 2 3

Cheltenham Templates — Form capital letters and numbers in Cheltenham type. Recommended for titling maps and Federal Aid sheets. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in sizes as follows:

3241E-240C or **-290C** (12 in. length)

3241E-350C, **-425C**, **-500C** or **-700C†** (15 in. length)

3241E-1000C‡ (18 in. length)

3241E-1350C‡ (24 in. length)

CASLON BOLD CONDENSED†

A B C D E F G H I J K L M N O P Q R 1 2 3 4 5 6

Caslon Bold Condensed Templates — Form capital letters and numbers in Caslon Bold Condensed type. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes as follows:

3242K-18PC*, **-24PC***, **-30PC**, **-36PC**, **-42PC**, **-48PC**

a b c d e f g h i j k l m n o p q r s t u v w x y z

Caslon Bold Condensed Templates — Form lower case letters in Caslon Bold Condensed type. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes as follows:

3242K-18PL*, **-24PL***, **-30PL**, **-36PL**, **-42PL**, **-48PL**

* Use only with Tracer Pin 3238-3 in Scriber in place of regular pin.

† To order only.

‡ Use with Scriber 3237-2 in the open position.

Type point sizes referred to above are approximately hundredths of an inch. For instance **-24PC**, **-24PL**, or **-24PCL** is approximately 0.24 inch high. Illustrations are 24 point.

LEROY MISCELLANEOUS LETTERING TEMPLATES

ALTERNATE GOTHIC†

ABCDEFGHIJKLMNOPQRSTUVWXYZ 123456

Alternate Gothic Templates — Form capital letters and numbers in Alternate Gothic type. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes as follows:

3242L-18PC*, -24PC*, -30PC, -36PC, -42PC, -48PC

abcdefghijklmnopqrstuvwxyz

Alternate Gothic Templates — Form lower case letters in Alternate Gothic type. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes as follows:

3242L-18PL*, -24PL*, -30PL, -36PL, -42PL, -48PL

OLD ENGLISH†

A B C D E F G H I J K L M N 1 2 3 4 5 6

Old English Templates — Form capital letters and numbers in Old English type. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes as follows:

3242N-24PC*, -30PC*, -36PC*, -42PC, -48PC

a b c d e f g h i j k l m n o p q r s t u v w x y z

Old English Templates — Form lower case letters in Old English type. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes as follows:

3242N-24PL*, -30PL*, -36PL*, -42PL, -48PL

SCRIPT†

A B C D E F G H a b c d e f g h i j k l m n o p 1 2 3 4 5 6

Script Templates — Form capital and lower case letters, also numbers, in Script type. (Use pen sizes with templates as follows: Temp. -18, Pen 000; Temp. -24, -30, Pen 00; Temp. -36, -42, Pen 0; Temp. -48, Pen 1.) Available in *type point* sizes as follows:

3242J-18PCL*, -24PCL*, -30PCL, -36PCL, -42PCL, -48PCL

* Use only with Tracer Pin 3238-3 in Scriber in place of regular pin.

† To order only.

Type point sizes referred to above are approximately hundredths of an inch. For instance -24PC, -24PL, or -24PCL is approximately 0.24 inch high. Illustrations are 24 point.

LEROY MISCELLANEOUS LETTERING TEMPLATES

INFORMAL STYLE†

ABCDEFGHIJKLMNOPQRSTUVWXYZ 123456

Informal Style Templates — Form capital letters and numbers in Informal Style type. (Use pen sizes with templates as follows: Temp. -10, -12, -14, -18, Pen 000; Temp. -24, Pen 00; Temp. -30, Pen 0; Temp. -36, -42, Pen 1; Temp. -48, Pen 2; Temp. -60, Pen 3.) Available in *type point* sizes as follows:

**3242P-10PC*, -12PC*, -14PC, -18PC, -24PC, -30PC, -36PC,
-42PC, -48PC, -60PC**

RUSSIAN†

АБВГДЕЖЗИІКЛМНОПРСТУФХ

Russian Templates — Form capital letters and numerals and the lower case letters that differ from their capitals in Russian type. When lettering work combines capitals and lower case, for lower case use template two sizes smaller than for capitals. (Use same pen sizes as for nearest Standard Template sizes.) Available in *type point* sizes as follows:

**3242R-8PC*, -10PC, -12PC, -14PC, -18PC, -24PC, -30PC,
-36PC, -42PC, -48PC, -60PC**

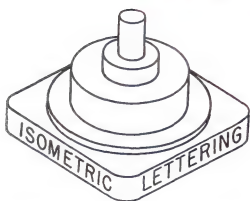
* Use only with Tracer Pin 3238-3 in Scriber in place of regular pin.

† To order only.

OTHER MISCELLANEOUS LETTERING TEMPLATES TO ORDER

If you have use for special LEROY Templates with styles of alphabets and numbers other than those shown in this booklet, let us know your requirements. Send us a sketch or a specimen of the type of letters and numerals you would like to have. We will gladly offer suggestions and quote prices.

LEROY ISOMETRIC TEMPLATES



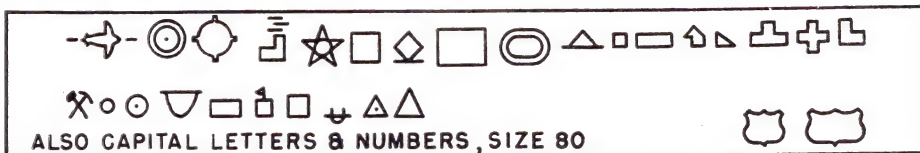
Isometric Drawing Templates — Form capital letters and numbers correctly sloped for isometric drawings, and 24 ellipses which are the isometric representation of circles of diameters ranging from $\frac{3}{32}$ to $\frac{11}{16}$ inches. Lettering and ellipses can be formed with these ellipses in all three isometric planes. Available in sizes as follows:

3241A-100C, -120C, -140C, -175C or -200C (12 in. length)

Type point sizes referred to above are approximately hundredths of an inch. For instance -24PC, -24PL, or -24PCL is approximately 0.24 inch high. Illustrations are 24 point.

LEROY SYMBOL TEMPLATES

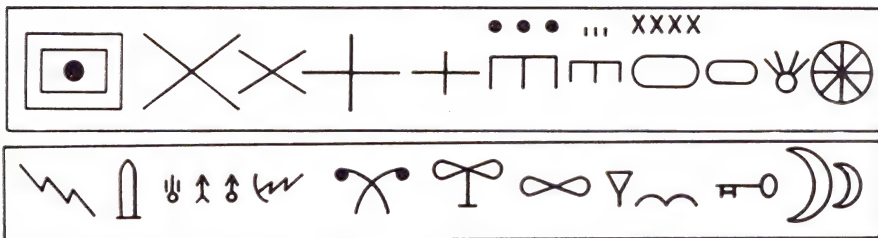
MAP SYMBOLS



(Actual size)

3240A. Map Symbol Template (with Capital Letters and Numbers, size 80C). 12 in. long. Forms map symbols as illustrated, in addition to all capital letters and numbers that can be formed with template No. 3240-80C. While each map symbol is complete in itself, by combining them, additional symbols can be formed. Map symbols are selected from the Manual of Standard Procedures (April 1950) for preparing State and County Maps, by the U. S. Department of Commerce, Bureau of Public Roads. (Use Pen 000, 00 or 0)

MILITARY MAP SYMBOLS



(Actual size of 3240E-140 Symbols)

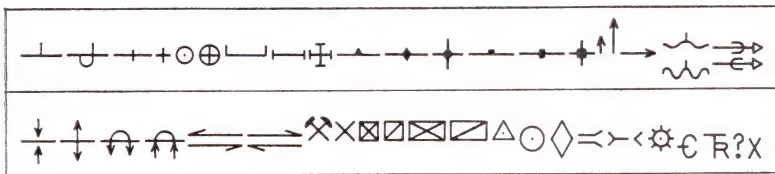
Military Map Symbol Templates. Form military map symbols as illustrated. While each map symbol is complete in itself, by combining them, additional symbols can be formed. Developed in co-operation with the U. S. Marine Corps.

3240E-140. 9½ in. long. For use with lettering templates 3240-140C or CL (Use Pen 1).

3240E-200. 12 in. long. For use with lettering templates 3240-200C or CL (Use Pen 3).

3240E-290. 15 in. long. For use with lettering templates 3240-290C or CL (Use Pen 4).

GEOLOGICAL SYMBOLS



(Actual size of 3240G-120 symbols)

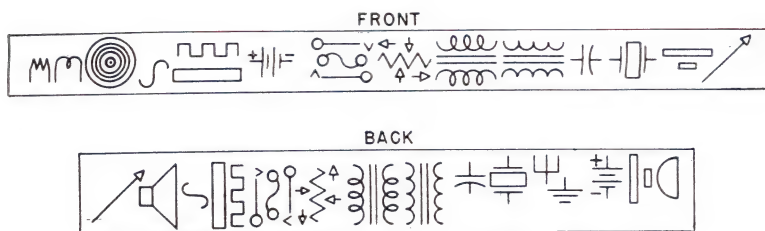
Geological Symbol Templates. Form symbols for geological map drawing, as illustrated. Developed in co-operation with the U. S. Geological Survey, Washington, D. C.

3240G-120 (12 in. length) (Use Pen 000, 00 or 0)

3240G-175 (15 in. length) (Use Pen 000, 00 or 0)

LEROY SYMBOL TEMPLATES

ELECTRICAL SYMBOLS



(Actual size of 3240C-5 symbols)

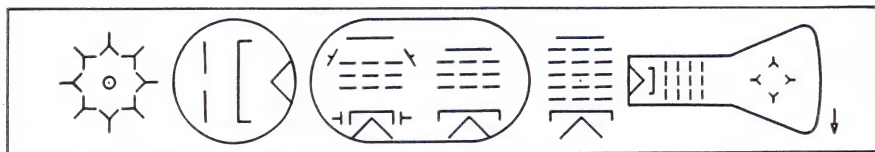
3240C-5. Electrical Symbol Template, 9½ in. long. Forms electrical symbols for power, communications and electronic wiring diagrams. The symbols on this template and the combinations which can be made from them are as recommended in "American Standards for Graphical Symbols," published by the American Institute of Electrical Engineers and approved by the American Standards Association. (Use Pen 000, 00 or 0)

3240C-10. Electrical Symbol Template, 12 in. long. Symbols on this template are exactly the same in form as those on No. 3240C-5, but twice size. (Use Pen 00 or 0)

3240C-15. Electrical Symbol Template, 15 in. long. Symbols on this template are exactly the same in form as on No. 3240C-5, but 3 times size. (Use Pen 00 or 0 with Scriber 3237-2 in the open position)

3240C-20. Electrical Symbol Template, 18 in. long. Symbols on this template are exactly the same in form as those on No. 3240C-5, but 4 times size. (Use Pen 00 or 0 with Scriber 3237-2 in the open position)

ELECTRONIC TUBE SYMBOLS



(½ size)

3240D. Electronic Tube Symbol Template, 12 in. long. Forms symbols of the most common types of tubes, both single section and dual. For use in conjunction with Electrical Symbol Template No. 3240C-10, for drawing radio, television and all other types of electronic wiring diagrams. Developed in co-operation with the Electronics Industry and the U. S. Army Signal Corps. (Use with No. 3237-2 Adjustable Scriber in the open position. Use Pen 0.)

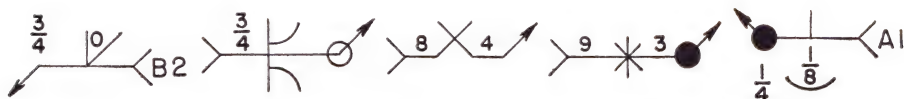
LEROY SYMBOL TEMPLATES

WELDING SYMBOLS



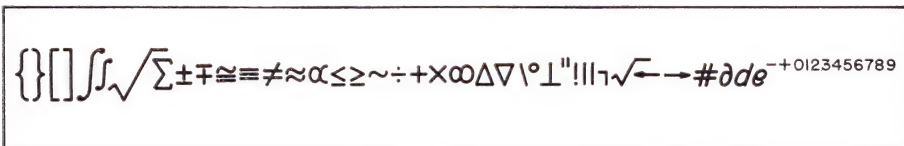
(Actual size)

Examples of combinations that can be made:



3240B. Welding Symbol Template (with Capital Letters and Numbers, size 100C), 12 in. long. Forms welding symbols covering arc, gas and resistance welding, and fractions in size 80C as illustrated; also all capital letters and numbers that can be formed with template No. 3240-100C. This template includes all the welding symbol components adopted by the American Welding Society and approved by the American Standards Association. These components can be combined to form all required welding symbols. (Use Pen 00 or 0)

MATHEMATICAL SYMBOLS



(Actual size of 3240M-120)

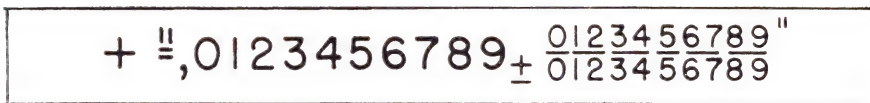
Mathematical Symbol Templates. Form mathematical symbols as illustrated.

Size numbers (-120, -140, etc.) indicate correct size Mathematical Symbol Template to use with corresponding size LEROY Standard Lettering Template.

3240M-120 or -140 (9½ in. length)

3240M-175, -200 or -240 (12 in. length)

FRACTION TEMPLATE



3240F. Fraction Template, 12 in.; will produce numbers in sizes 120C, 140C, 175C and 240C; and fractions with the numerators and denominators in sizes 80C, 100C or 120C.

LEROY SYMBOL TEMPLATES

MUSIC SYMBOLS*



(Actual size)

3240H. Music Symbol Template, 15 in. long. Forms music symbols as illustrated. Lines of the staff are in red for reference only and are not engraved for drawing. (Use Pen 000 or 00.) Desired spacing of staff lines should be stated.

"YOUR OWN DESIGN" TEMPLATES

LEROY Symbol Templates (3240Y) made to your own design can save you a great deal of time and needless repetitive work. Designs, symbols, trade marks, signatures, title blocks and other devices have to be drawn many times. With a LEROY Template made specially for you these can be run off in a few seconds.

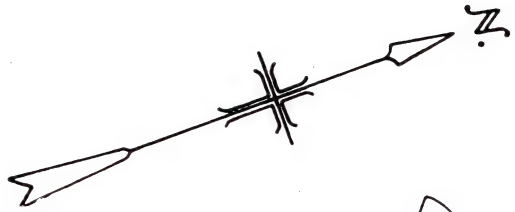
On the opposite page are a few such symbols, drawn from LEROY Templates made specially to order.

Send us a sketch or reproduction of any design that you would like to have on LEROY Templates and let us quote you.

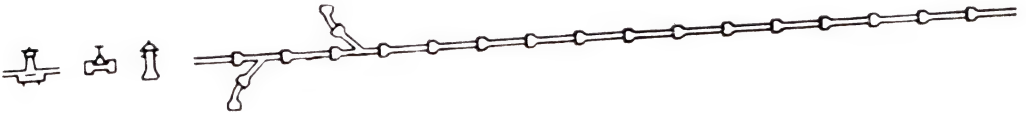
Bear in mind these few points:

1. Maximum height for characters is $1\frac{3}{4}$ inches.
2. Lines should not be finer than the LEROY 000 Pen can draw (.010 in. width).
3. Spaces between adjacent lines should not be less than the width of a LEROY 00 Pen line (.013 in.).
4. For characters or symbols with heavily inked areas or varying line widths, LEROY Templates are designed to draw these in outline, to be filled in afterwards.

*To order only. Prices on application.



John Brown

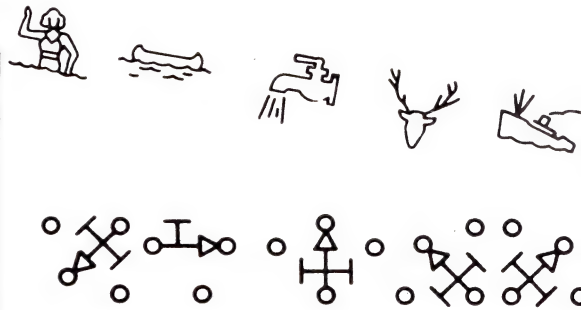


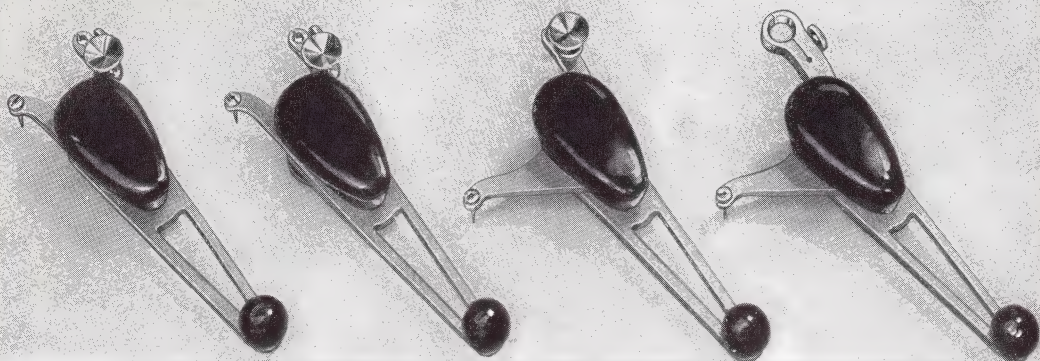
- Dilt's -

K+E



NO. _____	
DATE: _____	<div>BRITISH</div> <div></div> <div>AMERICAN</div>
DATE: _____	
DATE: _____	
DATE: _____	





3237-1

3237-2
(Closed)

3237-2
(Open)

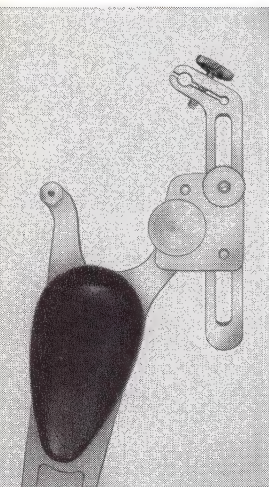
3237-3

LEROY SCRIBERS AND ACCESSORIES

- 3237-1. Fixed Scriber**, for use with LEROY Pens up to No. 3233-8; and all LEROY Templates up to size 500.
- 3237-2. Adjustable Scriber**, for use with LEROY Pens up to No. 3233-8; and with LEROY Templates up to size 500 (vertical or slanting), and sizes 700 to 2000 (vertical only).
- 3237-3. Fixed Scriber**, for use with LEROY Templates Nos. 3240-700C to 3240-2000C, with LEROY Pens Nos. 3233-9 to -14 and with Adapter for use with Pens 000 to 8.
- 3238-2. Lead Clutch** for LEROY lettering work with any LEROY Scriber. Holds regular draftsmen's leads from .075 in. to .090 in. diameter. This efficient clutch grips the lead firmly so that it will not slip back with pressure on the drawing surface. Leads can be pointed in the No. 3515 Tru-Point Pencil Pointer to correct length and taper without removal from the clutch.
- 3238-3R. Tracer Pin** to fit LEROY Scribers, for use with regular groove LEROY Templates.
- 3238-3. Tracer Pin** to fit LEROY Scribers, for use with fine groove LEROY Templates.
- 3238-4. Leads**, 2 in. long, 6 in tube, to fit Lead Clutch No. 3238-2.
- 3238-5. Thin Line Stylus** to fit LEROY Scribers, Nos. 3237-1 and -2 for lettering on duplicating stencils.



- 3238-6. Heavy Line Stylus** to fit LEROY Scribers, Nos. 3237-1 and -2 for lettering on duplicating stencils.
- 3238-10. Scriber Stand**, holds scriber when not in actual use and keeps point of LEROY Pen clear of drawing table.
- 3238-12. Letter Size Adapter**, for extending or condensing LEROY Lettering. With the adapter, used with Scribers Nos. 3237-1 or 3237-2, the height of letters or numerals drawn with any LEROY template can be increased or decreased by amounts up to one third of their normal height. The width of letters and numerals is not changed.



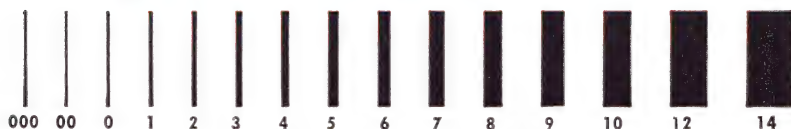
LEROY LEROY LEROY

All three examples above were lettered from the same template (size 175C). In the center is standard lettering (without the adapter). To right and left are examples of maximum variations in height that the adapter gives.

LEROY STRAIGHTEDGES

- 3239S. LEROY Line-spacing Straightedge.** Luxylite, 15 in. long, $1\frac{3}{8}$ in. wide. Shows immediately where to place LEROY template to give first line of lettering exactly where it is required. Used with any LEROY template from size 80 to 500, it readily determines spacing between lines best proportioned to height of lettering; with device to hold straightedge stationary without puncturing the drawing surface, while leaving both hands free to operate the template and scribe.
- 3239P. Straightedge, plain,** Luxylite, 15 in. long, $1\frac{3}{8}$ in. wide, with device to hold straightedge stationary without puncturing the drawing surface, while leaving both hands free to operate the template and scribe.

LEROY PENS AND ACCESSORIES

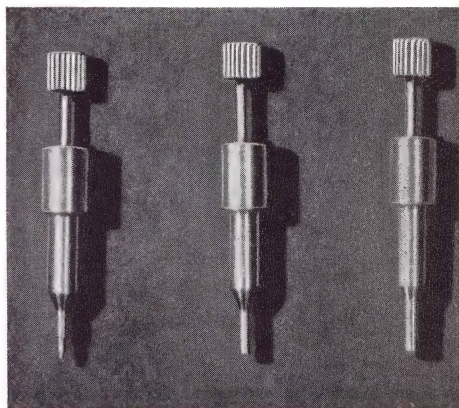


- 3231 LEROY Pen Set,** containing 8 pens Nos. 3233-1 to -8; and 2 socket holders No. 3234-1. In convenient box.

- 3233-000 to 3233-14 LEROY Lettering Pens,** No. -000, -00, -0, -1, -2, -3, -4, -5, -6, -7, -8, -9, -10, -12, -14. (Specify number of pen.)

- 3233-000C to 3233-14C Cleaning Pins,** for LEROY Pens Nos. 3233-000 to -14. (Specify number of pen.)

- 3232-000B to 3232-1B LEROY Long Point Lettering Pens,** Nos. -000B, -00B, -0B, -1B, for lettering or use with straightedges, curves and cut-out templates. Widths of lines are the same as LEROY Lettering Pens No. 3233. (Specify number of pen.)



- 3232-000BC to 3232-1BC Long Point Cleaning Pins,** for use with LEROY Long Point Lettering Pens, 3232-000B to -1B. (Specify number of pen.)

LEROY WATERPROOF LETTERING INK



- 2950 LEROY Waterproof Black Lettering Ink,** in pen filler cartridge. This ink is manufactured for K&E by the makers of Pelican Ink to a special formula for use with LEROY Pens. The cartridge is particularly convenient for filling the pens easily and cleanly.

LEROY ACCESSORIES

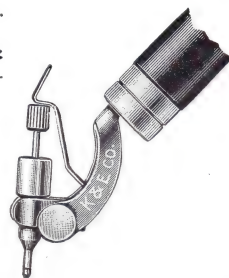


3233-25 LEROY Cleaning Kit. The most efficient and convenient way to clean LEROY Pens. Consists of 2 oz. bottle of LEROY Cleaning Fluid 3233-22, with plastic sieve for soaking pens. Water bottle with sieve for washing pens, and rubber bulb for drying insides of pens after washing. In handy container for desk drawer.

3233-22 Cleaning Fluid, for LEROY Pens, 2 oz. bottle.

3233-22F Cleaning Fluid, for LEROY Pens, 1 qt. bottle.

3233-33 Plastic Sieve, fits 2 oz. bottle No. 3233-22.



LEROY Lettering Pen with socket holder and penholder for free-hand lettering.

3234-1. Socket Holder for LEROY Pens Nos. 3233-000 to -8.

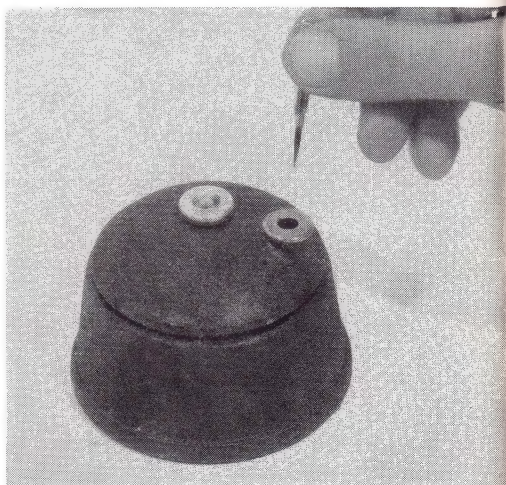
3234-2. Socket Holder for LEROY Pens Nos. 3233-9 to -14.

3235. Penholder

3515 Tru-Point Pencil Pointer, with attachment for sharpening LEROY Leads.

The Pointer offers the convenience that the lead does not have to be removed from LEROY Lead Clutch No. 3238-2 for sharpening. It gives the lead a perfectly centered point of correct length and taper for use in the Scriber. It also sharpens leads in Draftsmen's Mechanical Pencils. For this the LEROY Lead attachment is replaced by the pencil pointer attachment which is also furnished with the Pointer.

3515R Tru-Point Abrasive Liner Refills, 3 in package.



LEROY

is the trade mark of
KEUFFEL & ESSER CO.,
the makers of LEROY
Lettering and Symbol
Drawing Equipment,
and is registered in
the U. S. Patent Office.



TORGUSSEN'S BLUE PRINT SERVICE
121 W. COMMERCIAL ST.
POMONA, CALIF.



LEROY

TRADE MARK ®

**LETTERING
AND SYMBOLS**

PRICE LIST

DEC. 1, 1952

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

KEUFFEL & ESSER CO.

NEW YORK • HOBOKEN, N. J.

CHICAGO, DETROIT, ST. LOUIS, SAN FRANCISCO, LOS ANGELES, MONTREAL

PAGES 16 & 17

LEROY SETS

	Set
3245- 6.....	\$49.50
3245-10.....	46.75
3245-12.....	67.50
3245-15.....	86.00
3245- 3L Basic Set.....	39.50
3245- 6L.....	59.85
3245-10L.....	56.05
3245-12L.....	81.85
3245-15L.....	105.95

For any **LEROY LETTERING SET**
with Fixed Scriber 3237-1 in place of
Adjustable Scriber 3237-2, deduct.... 1.50

PLAIN HARDWOOD CASES

	Case only
3246- 4.....	4.25
3246-10.....	6.90
3246-20.....	8.50

PAGE 18

**LEROY STANDARD
LETTERING TEMPLATES**

	Each
*3240-60C.....	6.50
3240- 80C.....	5.25
3240-100C.....	5.25
3240-120C.....	5.25
3240-140C.....	5.25
3240-175C.....	5.75
3240-200C.....	5.75
3240-240C.....	5.75
3240-290C.....	5.75
3240-350C.....	6.60
3240-425C.....	7.35
3240-500C.....	7.35
*3240-80CL.....	8.40
3240-100CL.....	6.85
3240-120CL.....	6.85
3240-140CL.....	6.85
3240-175CL.....	7.60
3240-200CL.....	7.60
3240-240CL.....	7.60
3240-290CL.....	7.60
3240-350CL.....	8.45
3240-425CL.....	9.50
3240-500CL.....	9.50
3240-700C.....	8.70
3240-1000C.....	10.00
3240-1350C.....	12.10
3240-2000C.....	13.65

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Words & Phrases to Order

	Each
3240X. 25 characters.....	\$13.50
Each additional character of same size, extra.....	25

PAGES 19 to 22

**LEROY MISCELLANEOUS
LETTERING TEMPLATES**

Reversed Gothic Templates

	Each
3241B-80C, -100C, -120C, or -140C.....	6.30
3241B-175C, -200C, -240C, or -290C.....	7.65
3241B-350C.....	10.25
3241B-425C or -500C.....	11.85

Condensed Gothic

3241C-80C, -100C, -120C, or -140C.....	6.30
3241C-175C, -200C, -240C or -290C.....	7.65
3241C-350C.....	10.25
3241C-425C or -500C.....	11.85

Extended Gothic

3241H-80C, -100C, -120C or -140C.....	6.30
3241H-175C, -200C, -240C or -290C.....	7.65
3241H-350C.....	10.25
3241H-425C or -500C.....	11.85

Outline Gothic

3241D-175C, -200C, 240C or -290C.....	14.75
3241D-350C.....	16.25
3241D-425C or 500C.....	17.85
3241D-650C.....	20.50

Greek

3241G-100CL, -120CL, 140CL or -175CL.....	11.85
3241G-200CL, -240CL or -290CL ..	13.10
3241G-350CL.....	14.50
3241G-425CL or -500CL.....	15.75

Cheltenham

3241E-240C or -290C.....	14.75
3241E-350C.....	16.25
3241E-425C or 500C.....	17.85
*3241E-700C.....	19.20
3241E-1000C.....	20.50
3241E-1350C.....	22.60

Caslon Bold Condensed

*3242K-18PC or -24PC.....	30.00
*3242K-30PC.....	26.50
*3242K-36PC or -42PC.....	31.00
*3242K-48PC.....	37.00
*3242K-18PL or -24PL.....	26.50
*3242K-30PL.....	24.50
*3242K-36PL or -42PL.....	28.50
*3242K-48PL.....	32.50

PAGES 19 to 22

**LEROY MISCELLANEOUS
LETTERING TEMPLATES**

(continued)

Alternate Gothic	Each
*3242L-18PC or -24PC.....	\$25.50
*3242L-30PC.....	22.50
*3242L-36PC or -42PC.....	28.50
*3242L-48PC.....	34.50
*3242L-18PL or -24PL.....	24.00
*3242L-30PL.....	21.00
*3242L-36PL or -42PL.....	25.50
*3242L-48PL.....	30.50

Old English

*3242N-24PC, -30PC or -36PC...	49.00
*3242N-42PC.....	43.50
*3242N-48PC.....	55.00
*3242N-24PL, -30PL or -36PL...	28.00
*3242N-42PL.....	25.50
*3242N-48PL.....	30.00

Script

*3242J-18PCL or -24PCL.....	35.00
*3242J-30PCL.....	33.00
*3242J-36PCL or -42PCL.....	36.50
*3242J-48PCL.....	39.50

Informal Style

*3242P-10PC or -12PC.....	24.50
*3242P-14PC or -18PC.....	23.50
*3242P-24PC.....	24.50
*3242P-30PC.....	25.50
*3242P-36PC or -42PC.....	28.00
*3242P-48PC or -60PC.....	30.00

Russian

*3242R-8PC.....	26.50
*3242R-10PC, -12PC or -14PC...	23.50
*3242R-18PC or -24PC.....	25.00
*3242R-30PC, -36PC, -42PC or -48PC.....	26.50
*3242R-60PC.....	30.00

PAGE 22

LEROY ISOMETRIC TEMPLATES

3241A-100C, -120C, -140C, -175C, or -200C.....	14.75
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PAGES 23 to 26

LEROY SYMBOL TEMPLATES

Each

3240A. Map Symbol Template.....	\$8.40
*3240E-140 Military Map Sym. Temp.....	Prices on application
*3240E-200 Military Map Sym. Temp.....	Prices on application
*3240E-290 Military Map Sym. Temp.....	Prices on application
3240G-120 Geological Sym. Temp...	10.50
3240G-175 " " " "	13.10
3240C- 5 " " " "	9.75
3240C-10 Electric Sym. Template...	10.50
3240C-15 " " " "	13.10
*3240C-20 " " " "	14.70

*3240D Electronic Tube Symbol
Template..... Prices on application

3240B. Welding Symbol Template..	8.40
3240M-120. Math. Sym. Template..	9.00
3240M-140. " " " "	9.00
3240M-175. " " " "	10.50
3240M-200. " " " "	10.50
3240M-240. " " " "	10.50

3240F. Fraction Template..... 9.50

*3240H Music Symbol
Template..... Prices on application

Symbols to your own design

3240Y..... Prices on application

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LEROY SCRIBERS &

ACCESSORIES

3237- 1. Fixed Scriber.....	4.75
3237- 2. Adjustable Scriber.....	6.25
3237- 3. Fixed Scriber.....	6.25
3238- 2. Lead Clutch.....	1.25
*3238-3. Tracer Pin.....	.75
3238- 4. Leads, six in tube.....	.25
3238- 5. Thin Line Stylus.....	.50
3238- 6. Heavy Line Stylus.....	.50
3238-10. Scriber Stand.....	.50
3238-12. Letter Size Adapter.....	5.00
3239S. Line Spacing Straightedge.	3.00
3239P. Straightedge, plain.....	1.10

LEROY PENS & ACCESSORIES

	Each
3231. LEROY Pen Set.....	\$8.00
3232-000B. Long Point Lettering Pens.....	1.90
3232-00B and -0B. Long Point Lettering Pens.....	1.40
3232-1B. Long Point Lettering Pens.....	1.25
3232-000BC to 0BC. Long Point Cleaning Pins.....	.80
3232-1BC. Long Point Cleaning Pins.....	.70
3233-000. Lettering Pens.....	1.90
3233-00 and -0 Lettering Pens.....	1.40
3233-1. Lettering Pens.....	1.25

	Each
3233-2 to 3233-8, Lettering Pens....	\$.85
3233-9 to 3233-14, Lettering Pens. . .	1.40
3233-000C to -0C, Cleaning Pins....	.80
3233-1C. Cleaning Pins.....	.70
3233-2C to 3233-14C, Cleaning Pins. .	.45
3233-25 LEROY Cleaning Kit.....	3.50
3233-22. Cleaning Fluid, 2 oz.....	.60
3233-22F. Cleaning Fluid, 1 qt....	3.75
3234-1. Socket Holder.....	.50
3234-2. Socket Holder.....	.75
3235. Penholder.....	.12
3515. Tru-Point Pencil Pointer..	3.50
	Pkg. of 3
3515R. Tru-Point Abrasive Liner Refills.....	.50



*Drafting, Reproduction, Surveying
Equipment and Materials.
Slide Rules. Measuring Tapes.*